

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.2301501		ID. B-4134		COUNTY HALIFAX		GEOLOGIST K.B. QUICK						
SITE DESCRIPTION BRIDGE NO. 77 ON SR 1105 OVER TRIBUTARY OF DEEP CREEK							GROUND WATER					
BORING NO. B2-A		BORING LOCATION 14+44		OFFSET 6.0' LT.		ALIGNMENT -L-						
COLLAR ELEVATION 88.2'		NORTHING 0.00		EASTING 0.00		0 HR. N.M. 24 HR. 4.0'						
TOTAL DEPTH 85.6'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL						
START DATE 3/10/03		COMPLETION DATE 3/10/03		SURFACE WATER DEPTH								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75			
88.2												ASPHALT
85.0	4.1	2	1	3	1	X-4						TAN SILTY FINE TO COARSE SAND, MOI. TO SAT.
80.0	9.1	WOH	1	1	1	X-2						SS-10 GRAY SILTY CLAY, WET (ALLUVIUM)
75.0	14.1	7	8	6	1	X-14						SS-11 GRAY FINE TO COARSE SAND WITH GRAVEL, SAT.
70.0	19.1	3	5	4	1	X-9						SS-12 GRAY SILTY FINE TO COARSE SAND WITH SOME SHELLS, SAT. (YORKTOWN FORMATION)
65.0	24.1	2	1	2	1	X-3						SS-13
60.0	29.1	1	1	1	1	X-2						SS-14
55.0	34.1	1	2	5	1	X-7						SS-15
50.0	39.1	3	5	6	1	X-11						SS-16
45.0	44.1	6	5	7	1	X-12						SS-17
40.0	49.1	6	7	9	1	X-16						SS-18
35.0	54.1	2	2	5	1	X-7						SS-19
30.0	59.1	12	13	18	1	X-31						SS-20
25.0	64.1	11	13	15	1	X-28						SS-21
20.0	69.1	17	13	18	1	X-31						SS-22
15.0	74.1	10	11	14	1	X-25						SS-23
10.0	79.1	8	14	16	1	X-30						SS-24

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		0.5'	0.5'	0.5'		0	25	50	75				100
8.0													
3.0	84.1	11	11	14	1	X-25						SS-19	GRAY CLAYEY SAND AND FINE TO COARSE SAND, SAT.
-2.0													
-7.0													
-12.0													
-17.0													
-22.0													
-27.0													
-32.0													
-37.0													
-42.0													
-47.0													
-52.0													
-57.0													
-62.0													
-67.0													
-72.0													

BORING TERMINATED AT  
ELEV. 2.6' IN MEDIUM  
DENSE FINE TO COARSE  
SAND